

176397

IV K.O.S. 11/20/86

D A I L Y

DATE: November 20, 1986

F I E L D

TIME: 9:00 a.m. to 2:00 p.m.

R E P O R T

PLACE: Cerro Copper Plant  
Sauget, IL

WEATHER: Cloudy, Windy, Cold, 40s°F

PROJECT: Job 10224A  
Cerro Copper  
IEPA RI/FS Oversight

DISTRIBUTION:  
S. Silverstein, Cerro (2 copies)  
JBC/LJO/ED 10224-1.1

PERSONNEL ON SITE:

<u>Name</u>	<u>Affiliation</u>	<u>Hours</u>
Caroline Israel	Sverdrup Corporation	5.0
Dan Sewall	Ecology & Environment (E&E)	5.0
Kevin Phillips	Ecology & Environment	5.0

FIELD WORK SUMMARY:

1. C. Israel arrived at Cerro at approximately 9:00 a.m. and was informed D. Sewall had just left. D. Sewall returned about 15 minutes later to inform C. Israel that the OVA was not functioning properly. Israel and Sewall went to E&E office on Queeny Avenue where D. Sewall cleaned and adjusted the OVA to working order.
2. Israel, Sewall and Phillips returned to Cerro about 11:00 a.m. where the soil gas monitoring survey continued. (See Daily Field Report for November 19, 1986, for general procedures.)
3. Eight (8) locations were monitored. (See attached map.) Split samples were taken at Site #15 (SG-71) and Site #18 (SG-74). OVA readings were greater than 1,000 ppm and 3.6 ppm, respectively.
4. Depths monitored were 1.5 to 3.0 feet. Readings ranged from 0 ppm to greater than 1,000 ppm. (See field notes.)
5. Cerro's split samples were given to C. Israel and locked in Sverdrup's lab at 800 North Tucker. D. Sewall compiled a sample receipt (see attachment) to serve as a chain-of-custody form for the samples provided.
6. E&E noted that the soil gas samples should be analyzed within one week and that refrigerated soil samples could be held up to one month before analysis.

C264-20

November 20, 1986

7. K. Phillips provided a list of the surface soil samples collected on Cerro property on November 12, 1986, that were sent for analysis by E&E. The samples were split with D. Guyan of Sverdrup.
8. E&E and Sverdrup departed the site at approximately 2:00 p.m.
9. C. Israel took 2 pictures on this day.

Attachments: Cerro Site Map  
Sample Receipt  
Sample List Sent to Lab

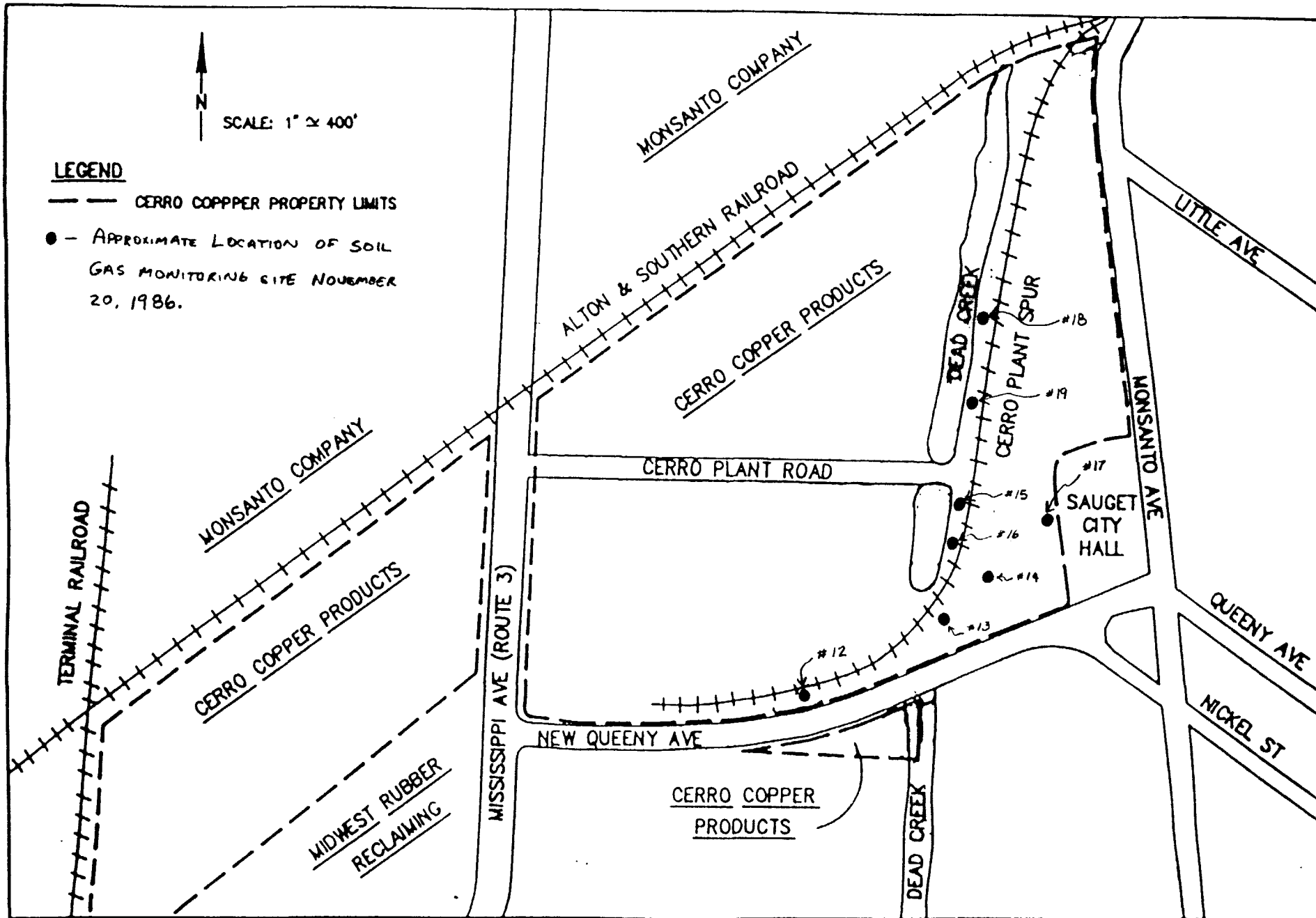
Caroline Israel  
Sverdrup Corporation



SCALE: 1"  $\approx$  400'

### LEGEND

- CERRO COPPER PROPERTY LIMITS
- - APPROXIMATE LOCATION OF SOIL GAS MONITORING SITE NOVEMBER 20, 1986.



DEAD CREEK PROJECT 1L3146

CERRO COPPER - SOIL GAS SAMPLING

SAMPLE	LOCATION	SPLIT
SG-71	15' W. OF RR TRACKS (N. CENTER SOUTH POND)	YES
SG-74	20' W. OF RR TRACKS (CENTER NORTH POND)	YES

Samuel T. Small EEE 11/20/86

SAMPLES RECEIVED BY: Cordine Israel

Sverdrup Corp 11/20/86

SURFACE SOIL SAMPLES SENT  
TO LAB BY ECOLOGY & ENVIRONMENT.  
FROM CERRO PROPERTY, SOUTH  
OF QUEENY AVE. SPLIT WITH  
DAVE GUYAN-SVERDRUP.

GRID NUMBERS :

A-5 THRU H-5

A-6 THRU D-6

F-6

B-7

TOTAL 14 SAMPLES. SENT  
THURS NOV. 13, 1986